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United States Patent Office to Examiner Hsien Ming Lee at Fax No. 703-
872-9318.

PATENT
Attorney Docket No.: A5552/T46400

On December 20, 2002

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hung-Tien Yu et al.

Application No.: 09/905,053

Filed: July 12, 2001

For: SEQUENTIAL DEPOSITION
PROCESS FOR GAP FILLING

Examiner: Hsien Ming Lee

Art Unit: 2823

RESPONSE TO OFFICE ACTION
mailed July 25, 2002

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DEC 20 2002

TECHNOLOGY CENTER 2800

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed July 25, 2002, please enter the following
amendments and remarks. A petition for a one month extension of time to file this
response is filed herewith.

AMENDMENTS

In the Claims:

Please amend claims 1, 13, and 20 to read as follows:

1. (Amended) A deposition method capable of filling recesses in a substrate,
the method comprising:

(a) providing a substrate having recesses defining side walls and recess
bottoms;

Approved for use through 10/31/2002. OMB 0861-0032
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 400

Complete if Known

Application Number 09/905,053
 Filing Date July 12, 2001
 First Named Inventor Yu, Hung-Tien
 Examiner Name Lee, H.M.
 Group Art Unit 2823
 Attorney Docket No. A5552/T46400

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit
Account
Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	740	Utility filing fee	
		1002	330	Design filing fee	
		1003	510	Plant filing fee	
		1004	740	Reissue filing fee	
		1005	160	Provisional filing fee	
		2001	370		
		2002	165		
		2003	255		
		2004	370		
		2005	80		

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fees from below	Fee Paid
Independent Claims			
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1202	18	Claims in excess of 20	
		1201	84	Independent claims in excess of 3	
		1203	260	Multiple dependent claim, if not paid	
		1204	84	Reissue independent claims over original patent	
		1205	18	Reissue claims in excess of 20 and over original patent	
		2202	9		
		2201	42		
		2203	140		
		2204	42		
		2205	9		

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (CONTINUED) PAY CENTER 2800

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	Surcharge - late filing fee or oath	
		1052	50	Surcharge - late provisional filing fee or cover sheet	
		1053	130	Non-English specification	
		1812	2,520	For filing a request for reexamination	
		1804	920*	Requesting publication of SIR prior to Examiner action	
		1805	1,840*	Requesting publication of SIR after Examiner action	
		1251	110	Extension for reply within first month	
		1252	400	Extension for reply within second month	400
		1253	820	Extension for reply within third month	
		1254	1,440	Extension for reply within fourth month	
		1255	1,980	Extension for reply within fifth month	
		1401	320	Notice of Appeal	
		1402	320	Filing a brief in support of an appeal	
		1403	280	Request for oral hearing	
		1451	1,510	Petition to institute a public use proceeding	
		1452	110	Petition to revive - unavoidable	
		1453	1,280	Petition to revive - unintentional	
		1501	1,250	Utility issue fee (or reissue)	
		1502	460	Design issue fee	
		1503	820	Plant issue fee	
		1480	130	Petitions to the Commissioner	
		1807	50	Petitions related to provisional applications	
		1806	180	Submission of Information Disclosure Stmt	
		8021	40	Recording each patent assignment per property (times number of properties)	
		1808	740	Filing a submission after final rejection (37 CFR § 1.129(a))	
		1810	740	For each additional invention to be examined (37 CFR § 1.129(b))	
		1801	740	Request for Continued Examination (RCE)	
		1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$400)

SUBMITTED BY

Name (Print/Type)

Kent J. Tobin

Registration No. (Attorney/Agent)

39,498

Telephone

650-326-2400

Signature

Date

December 20, 2002

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Please type a plus sign (+) inside this box → ☒

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/905,053	
	Filing Date	July 12, 2001	
	First Named Inventor	Yu, Hung-Tien	
	Group Art Unit	2823	
	Examiner Name	Lee, H.M.	
Total Number of Pages in This Submission	1	Attorney Docket Number	A5552/T46400


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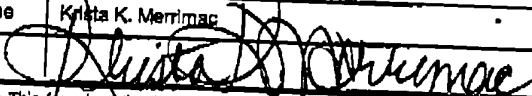
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certification of Facsimile Transmittal
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Kent J. Tobin	Reg. No. 39,486
Signature		
Date	December 20, 2002	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9318 on December 20, 2002

Typed or printed name	Krista K. Merriman
Signature	
Date	December 20, 2002

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Atty Docket No. A5552/T46400

PTO FAX NO.: 703-872-9318

ATTENTION: Examiner H.M. Lee

Group Art Unit: 2823

TELEPHONE NO.: 703-305-7341

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OFFICIAL COMMUNICATION**FOR THE PERSONAL ATTENTION OF
EXAMINER LEE, H.M.**

TECHNOLOGY CENTER 2800

CERTIFICATION OF FACSIMILE TRANSMISSION

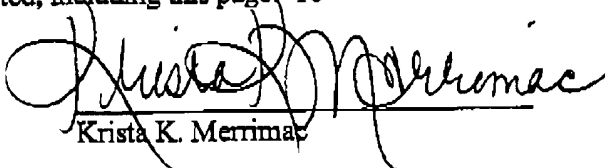
I hereby certify that the following document(s) in re Application of Hung-Tien Yu et al., Application No. 09/905,053, filed July 12, 2001 for SEQUENTIAL DEPOSITION PROCESS FOR GAP FILLING are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. SB/21 Transmittal (1 page)
2. SB/17 Fee Transmittal (in duplicate) (2 pages)
3. Extension of Time (1 page)
4. Response to Office Action mailed July 25, 2002 (11 pages)

Number of pages being transmitted, including this page: 16

Dated: December 20, 2002


Krista K. Merriman**PLEASE CONFIRM RECEIPT OF THIS PAPER BY RETURN FACSIMILE AT (650) 326-2422**

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PA 3273066 v1